

KKM 725 BRIDGE CUTTING MACHINE TECNICAL FEATURES

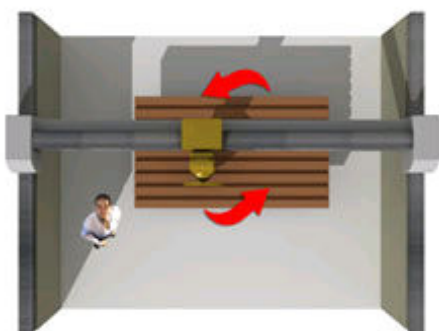
Rotating Table Length	mm	3300
Rotating Table Width	mm	2000
X-axis useful working Travel	Mm	3750
Y-axis useful working Travel	Mm	3500
Z-axis useful working Travel	Mm	350
A-Axis Rotation (Rotating Table)	degree	0- 360°
Saw Blade Min.-Max. Diameter	mm	400-725
Max. Cutting Depth with Max. Disc	mm	200
Spindle Motor Power	kw	22
Cutting Disc Holder Diameter	mm	50
Spindle Rotation Speed At 50 Hz	rpm	1435
Cutting Disc Locking Flange Diameter	mm	210
Operation Voltage/Frequency	Volt/hz	380/50
X- Axis Displacement Speed	mm/min	0-12816
Y- Axis Displacement Speed(Automatic - Manuel)	mm/min	1992-2988
Z- Axis Displacement Speed	mm/min	84
Hydraulic Motor Power of Tilting Table	kw	2,2
Rotating Table Motor Power	kw	0,75
Overall Dimensions		
— Width	mm	6330
— Length	mm	5500
— Height	mm	2960
Total water consumption	lit/min	50
Approx. Machine Weight	kg	5.000

Automatic Cutting: Sizes, which will be cut, entered in program by touch screen. After defining reference point of slaps, cutting process starts automatically. After the first cutting process finished, table rotates 90 degrees and other sizes entered in program to be cut.

During automatic cutting process or manual cutting process always hydraulic breaks fixed the bridge from the both end (Y-Axis), INA Linear bearings are used on slide ways of Bridge and Cabin movements and encoder system reads the position of bridges sensitively due to increase cutting sensitiveness.



Tilting and Rotating Table: Rotating Table can rotate 0-360° degree by it's around. There is a hydraulic locking system for rotating table at 30, 45, 60, 90,120, 135,150, 180,210, 225,240, 270, 300, 315,330, 360 degrees. Rotating Table rotates by reduction motor and tilt up with two hydraulic pistons. OMRON Encoder system reads the position of table in degree which helps sensitive table rotation. Table tilting degree is max.70 degrees.



Tilting head for inclined cuts

From 0 to 45° this movement is performed manually by the operator using the hand wheel.



Standard Equipment

ELECTRONIC EQUIPMENT	: OMRON
ELECTRIC EQUIPMENT	: TELEMANIQUE
PAINTING PROCESS	: SAND BLASTERING, EPOXY, CONTROL, EPOXY, ACRALIC PAINT
DOCUMENTATION	: USER MANUEL, DRAWINGS FOR CONCREATE, AIR, WATER AND ELECTRICITY CONNECTION PLANS
BEARINS	: FAG, SKF, INA